

# Notice of Allowability

Application No.

10/670,366

Examiner

Julie Anne Watko

Applicant(s)

UENO ET AL.

Art Unit

2627

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed.
2. ☒ The allowed claim(s) is/are 34,37-54,56-61 and 64-69.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Pursuant to MPEP § 606.01, the title has been changed to -- APPARATUS WITH HEAD AND HEAD SUPPORT DEVICE HAVING ROTATION SUPPORTING POINT [AND DISK DRIVE USING SAME]--.

On page 17, lines 17-19 (misabeled as lines 16-18), "is substantially same in position as a point of intersection between the rotational axis in the radial direction of the recording medium 12 of the support arm 2; that is," has been replaced by --is substantially same in position as a point of intersection between the rotational axis in the radial direction of the recording medium 12 of the support arm 2 and the rotational axis in the vertical direction of the recording medium 12; that is--.

On page 25, last line, of the specification filed September 2, 2004, "A center of a surface of the head slider" has been replaced by -- A center [of a surface] of the head slider --.

2. The following is an examiner's statement of reasons for allowance:

Regarding independent claims 37 and 41: The prior art of record neither shows nor suggests the claimed relationships including the distance from an action point to an immovable point, in combination with an elastic member fixed to a first base arm, said first base arm or a support arm having a rotation supporting part between a balancer and a head slider.

Regarding independent claim 44: The prior art of record neither shows nor suggests an elastic member fixed to a first base arm, said first base arm or a support arm having a rotation supporting part between a balancer and a head slider, in combination with the claimed pressure generators, wherein a center of negative force is positioned closer to an air outflow end than to an action point (the term "action point" having the meaning it has when used on page 9 of the specification filed September 2, 2004).

Regarding independent claims 54 and 61: The prior art of record neither shows nor suggests a second base arm having a hole at one end thereof for receiving a coupling portion at one end of a first base arm so as to fasten said first base arm to said second base arm, in combination with an elastic member fixed to a first base arm, one of a support arm and the first base arm having a rotation supporting point.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. The drawings were received on September 2, 2004, and March 8, 2006. These drawings are acceptable.

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4. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Julie Anne Watko whose telephone number is (571) 272-7597. The examiner can normally be reached on T11A-5PW3P-9PTh11:30A-10PF10A-8:30PSatNoon-8:30P.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dwayne D. Bost (new AU 2627) can be reached on (571) 272-7023. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Julie Anne Watko  
Primary Examiner  
Art Unit 2627

March 29, 2006  
JAW

A handwritten signature in black ink, appearing to be 'JAW', with a large, stylized loop at the end.